



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 10**

1200 Sixth Avenue, Suite 900  
Seattle, WA 98101-3140

OFFICE OF  
WATER AND  
WATERSHEDS

**Memo to Yakima Project File**

Laurie Crowe  
Livestock Nutrient Management Specialist  
District Coordinator  
South Yakima Conservation District  
200 Cheyne Road  
Zillah, Washington. 98953  
Phone: (509) 829-9025

On February 3, 2012 at approximately 11:00 am, I, Chan Pongkhamsing, spoke with Laurie Crowe on the telephone.

She informed of the following information:

- She's been in Washington State since 1991 and has never seen a grading permit for lagoon construction in Yakima County
- She refers to lagoons as "waste storage ponds". She says that this term is more technically correct. These ponds are used as temporary storage during the winter months when they may be full and then they gradually empty during the summer irrigation months. NRCS also refers to lagoons as "waste storage ponds."
- She recommended me to speak with Larry Johnson, NRCS Spokane Office engineer, for specifications of lagoon lining. She also mentioned Sally Breedwick?
- She said there are a few waste storage ponds now that have synthetic liners, but does not think the Liberty, Henry Bosma, Cow Palace, George DeRuyter, D&A Farms, or R&M Haak dairies are synthetically lined.
- She said she can not provide Dairy Nutrient Management Plans
- Only differences between NPDES CAFO permitted Dairy Nutrient Management Plan and the regular DNMP is the record keeping and public information requirements.

On February 6, 2012 at approximately 9:50am, we spoke again on the telephone:

- Most waste storage facilities (ponds) are evaluated during a routine inspection using NRCS worksheet. She is not aware that these worksheets are available online. She suggested to call Larry Johnson.
- She does not have a list of ponds that are funded by NRCS, but said that NRCS provides technical support to most ponds here in Yakima County.
- NRCS purged all old documentation of older ponds within the last decade (7 years?).
- Most operating ponds need NRCS approval.
- Private contractors all know the NRCS standards.